a first expansion column formed of a plurality of pairs of a first expansion strut and a parallel second expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a non-perpendicular angle;

a second expansion column formed of a plurality of pairs of a first expansion strut and a parallel second expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a non-perpendicular angle;

a first connecting strut column formed of a plurality of first connecting struts, the first connecting struts including multiple linear sections, wherein the first connecting strut column couples the first expansion column to the second expansion column and a first expansion strut in the first expansion column is circumferentially offset from a corresponding second expansion strut of the second expansion column.

- 64. (Amended) The stent of claim 63, wherein at least a portion of the second connecting struts include a proximal section coupled to a distal section of a second expansion strut, a distal section coupled to a proximal section of a corresponding third expansion strut, a first linear section between the proximal and distal sections and a [third] strut angle.
- 67. (Amended) The stent of claim 63, wherein the portion of the second connecting struts including a [third] slant angle have a second linear section coupled to the first linear section and the third slant angle is formed between the first and second linear sections.
- 68. (Amended) The stent of claim 64, wherein the portion of the second connecting struts including the [third] slant angle have a second linear section coupled to the first linear section of the second connecting strut and the [third] slant angle is formed between the first and second linear sections.
- 69. (Amended) The stent of claim 68, wherein each [third strut] slant angle of the second connecting struts is directed in a second circumferential direction that is in an opposite direction of a first circumferential direction of [the first strut] a slant angle of the first connecting [strut] struts.

-

#### Please cancel without prejudice claims 75-83.

#### REMARKS

Applicant thanks the Examiner for thoroughly reviewing the application. Amendments and remarks enclosed herein are intended to place all claims in the application in condition for allowance. Therefore, Applicant requests the Examiner's discretion in considering this response.

#### 1. Election/Restriction Requirement

In the Office Action, the Examiner requested that the Applicant withdraw claims 4, 6, 8, 9. Applicant has withdrawn these claims, but requests reinstatement of the claims if the Examiner indicates claim 1 is in condition for allowance. Claim 1 is a genus that reads on a structure such as shown by FIG. 8C, and claims 4, 6, 8, 9 are species under claim 1.

While Applicant disagrees with the Examiner's assertions regarding claims 75-83, Applicant has cancelled these claims without prejudice to expedite prosecution of this application.

#### 2. Rejection Under 35 U.S.C. §112, Second Paragraph

In the Office Action the Examiner rejected claims 10-12, 64, 67-69 under 35 U.S.C. §112, second paragraph as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Applicant has amended these claims to specifically deal with the language that the Examiner found objectionable. Applicant respectfully requests reconsideration of these claims in light of these amendments.

#### 3. Rejection Under 35 U.S.C. §102(e)

In the Office Action, the Examiner rejected claims 1-3, 7, 12, 17, 22-22 and 35 under 35 U.S.C. §102(e) as being anticipated by Pinchasik, et al. (U.S. Pat. No. 5,449,373). While Applicant disagrees with the applicability of Pinchasik, Applicant has amended each of the independent claims 1, 21, and 49 to recite at least one connecting strut in the connecting strut column to include multiple linear sections. Applicant submits that Pinchasik does not disclose linear connecting struts.

Further, Applicant requests reconsideration of claims 1, 21, and 49 because Pinchasik does not disclose a substantially linear joining strut connecting the expansion struts. In the Office Action, the Examiner stated that FIG. 3 of Pinchasik has "has parts to the joining struts 124 that are 'substantially linear' and non-perpendicular to the parallel struts." This characterization is not equivalent to "substantially linear joining strut", as recited in the

independent claims. Applicant notes that the Examiner's characterization is applicable to curved struts and straight struts alike.

Therefore, Applicant submits that claims 1-3, 7, 12, 17, 21, 22, and 35 are patentably distinct from Pinchasik.

The features mentioned above regarding the connecting struts and the joining struts of amended claims 1, 21, and 49 are repeated with respect to Orth. Therefore, Applicant submits that claims 1-3, 5, 10-13, 21, 22, 49, 60, and 63 are patentably distinct from Orth.

#### 4. Rejection Under 35 U.S.C. §103(a)

- ]

Claims 19, 20, 65, 66 and 72 were rejected under 35 U.S.C. 103(a) as being unpatentable over Pinchasik, Orth or Israel, as applied above in view of Fischell et al., (U.S. 5,607,442). However, in light of the amendments made to claims 1, 21 and 49, Applicant submits that this rejection is now moot,

#### CONCLUSION

Applicant believes that the application is now in condition for allowance and respectfully requests issuance of a notice of allowance. However, if any issues remain, Applicant urges the Examiner to telephone Applicant's Attorney so that the application can be allowed in an expedited manner.

Respectfully submitted.

WILSON SONSINI GOODRICH & ROSATI

By:

Van Mahamedi

Reg. No. 42,828

650 Page Mill Road Palo Alto, California 94304 (650) 493-9300

Date: September 21, 1999

Please type a plus sign (+) insi is box:

Approved i 2 (hrough 9/36/00, OMB 0651-0031
Patent and Trademark Unice: U.S. DEPARTMENT OF COMMERCE

September 21, 1999

I hereby certify that this correspondence is beingl deposited with the U.S. Postal Service with sufficient postage as first class mall to: Assistant Commissioner for Patents, Washington, D.C. 20231, or

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# EXHIBIT 12



### UNITED STATE DEPARTMENT OF COMMERCE Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. 08/824,142 03/25/97 JANG D 17828-707 EXAMINER QM12/1013 WILSON SONSINI GOODRICH ROSATI NGUYEN, D 650 PAGE MILL ROAD PALO ALTO CA 94304-1050 ART UNIT PAPER NUMBER 3738 DATE MAILED: 10/10/99

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

<u> </u>	·	Application No.	Applicant(s)	···········	··
	Advisoms Action	08/824,142		gnst	
,	Advisory Action	Examiner Dinh Nguy		Group Art Unit 3738	
TH	E PERIOD FOR RESPONSE: [check only a) or b)]				
	a) 💢 expires3 months from the mailing date of th	e final rejection.			
	<ul> <li>expires either three months from the mailing date of the is later. In no event, however, will the statutory period rejection.</li> </ul>	final rejection, or on the for the response expire	mailing date ater than six r	of this Advisory A nonths from the d	ction, whichever ete of the final
	Any extension of time must be obtained by filing a petition unde date on which the response, the petition, and the fee have been determining the period of extension and the corresponding amout calculated from the date of the originally set shortened statutory				
	Appellant's Brief is due two months from the date of the period for response set forth above, whichever is later?	e Notice of Appeal f . See 37 CFR 1.191	led on (d) and 37 (	FR 1.192(a).	(or within any
Ap but	plicant's response to the final rejection, filed on <u>Sep</u> t is NOT deemed to place the application in condition fo	24, 1999 has been allowance:	n considere	d with the follow	wing effect
	The proposed amendment(s):				
	will be entered upon filing of a Notice of Appeal and	d an Appeal Brief.		•	
	will not be entered because:      they raise new issues that would ensuing truther.				
	they raise new issues that would require further.  they raise the issue of new matter. (See note be	Consideration and/or	search. (Se	se note below),	
	they are not deemed to place the application in the lissues for appeal.		i by materia	lly reducing or s	implifying the
	they present additional claims without cancelling	a corresponding nun	nher of final	ly rejected claim	36
	NOTE: The linear sections as added in the propose	d amendment require	s further co.	nsiderations and	is. Var seerch
			- 150 110 O CO	taraciations and	wor segren.
	Applicant's response has overcome the following re	jection(s):			
	Newly proposed or amended claimsseparate, timely filed amendment cancelling the non-all	owable claims.	would be	allowable if su	bmitted in a
	The affidavit, exhibit or request for reconsideration has for allowance because:		does NOT p	place the applica	ation in condition
		<del></del>			
	The affidavit or exhibit will NOT be considered because the Examiner in the final rejection.	It is not directed SO	LELY to issu	ies which were	newly raised by
(X)	For purposes of Appeal, the status of the claims is as fo	ollows (see attached	Written exa	anation if anyl-	,
	Claims allowed:		THE COLUMN	ariacion, ir ariy).	•
	Claims objected to:			<del></del>	<del></del>
	Claims rejected: <u>1-3, 5, 7, 9-13, 17, 19-22, 49, 60, 65</u>	3-69, and 72			
	The proposed drawing correction filed on		has not bee	n approved by t	he Examiner.
	Note the attached Information Disclosure Statement(s),				
-	Other	•		nie	iky
			\$	Mickey Supervisory Pate Group 3	ent Examiner
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U. S. Patent and Trademark Office PTO-303 (Rev. 8-95) 

# EXHIBIT 13



# UNITED STATES DE. ATMENT OF COMMERCE Petent and Trademark Office Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

APPLICATIO	N NO.	FILING DATE	I	FIRST NAMED INVENTOR			18
		112110	·	LING! NYMED INVENTOR		ATTORNEY	DOČKET NO.
Ü	18/82	4,142 03	/25/97	JANG		Þ	17828-701
Γ.				@M12/02077		EXAMINER	
l.	WILSON SONSINI GOODRICH 650 PAGE MILL ROAD		ROSATI	MGLIYEN,		ρ	
		ALTO CA 94:			ART UNIT	PA	PER NUMBER
					:	3798	13
				•	DATE MAILED:		02/07/00

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

_	Notice of About	Application No. 08/824,142	Applicant(s)	Jang	
	Notice of Abandonment	Examiner Dinh Nguy	en	Group Art Unit	
	This application is abandoned in view of:				
	🛛 applicant's failure to timely file a proper response to th	e.Office letter mailed	on <i>Jun</i> _	<i>22, 1999</i> .	
İ	A response (with a Certificate of Mailing or Transming), which is after the expiration of month(s)) which expired on	ission of of the period for resp 	onse (includ	as received on ing a total exter	nsion of time of
1	X A proposed response was received on Sep 24, rejection.	1999 , but it does	nat constitu	te a proper resp	onse to the final
	(A proper response to a final rejection consists only condition for allowance; a Notice of Appeal; or the	of: a timely filed am filing of a continuing	application (	nich places the a under 37 CFR 1.	application In .62 (FWC)).
	No response has been received.				
	applicant's failure to timely pay the required issue fee of the Notice of Allowance.	within the statutory p	eriod of thre	ee months from	the malling date
	The issue fee (with a Certificate of Mailing or Trans	mission of	) was	received on	
	☐ The submitted issue fee of \$ is insufficient.	The issue fee requir	ed by 37 Ci	R 1.18 is \$	
	$\square$ The issue fee has not been received.				<del>-,</del>
	[] applicant's failure to timely file new formal drawings as	required in the Notic	e of Allowa	bility,	
	Proposed new formal drawings (with a Certificate or received on				) were
	The proposed new formal drawings filed	are not acc	eptable.		
	No proposed new formal drawings have been received.				
	the express abandonment under 37 CFR 1.62(g) in favor	or of the FWC applica	ition filed on		·
	the letter of express abandonment which is signed by the interest, or all of the applicants.	he attorney or agent	of record, ti	ne assignee of th	he entire
	the letter of express abandonment which is signed by a 37 CFR 1.34(a)) upon the filing of a continuing application.	n attorney or agent (	acting in a r	apresentative ca	apacity under
	the decision by the Board of Patent Appeals and Interfet for seeking court review of the decision has expired and	rences rendered on _ I there are no allowed	d claims.	and bec	ause the period
	The reason(s) below:				
	Dithon 1/3/00				

U. S. Pateix and Trademark Office PTO-1432 (Rev. 5-95)

## EXHIBIT 14

#### Practitioner's Docket No. 18461-702

PATENT

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Inventors: Application No.:

G. David Jang 08/824,142

Filing Date: Title:

March 25, 1997 Intrevesuler Stent Group No.: Examiner:

3738

D. Nguyen

Assistant Commissioner for Patents Washington, D.C. 20231 Office of the Assistant Commissioner for Patents

#### PETITION FOR WITHDRAWAL OF ABANDONMENT

#### PETITION

Applicant petitions that the abandonment set forth in the notice mailed by the Office on February 7, 2000 be withdrawn.

#### SUBMISSION

2.	2000 little	×Ω	¢r.uw	im u:
	-	_		

- A copy of the complete response previously filed
- A copy of the postcard identifying the papers filed and showing the USPTO receipt stamp
- A copy of the first page of the response showing an executed Certificate of Mailing
- A copy of the Express Mail Cortificate No. showing the US Post Office receipt stamp
- A copy of the Deposit Account Statement, in which items corresponding to the above is checked
- 3. Please proceed with further examination of this application on the basis of:
  - The original papers filed, which have now reached the appropriate area.

    The attached copies of the originally filed papers.

#### PETITION FEE

4. The petition fee (37 C.F.R. section 1.17(h)) is paid as follows:

Charge Account No. 23-2415 (Docket No. 18461-702) the sum of \$130.

### REQUEST FOR REFUND OF PETITION FEE

5. As no defect exists in applicant's previous submission, a refund of the petition fee submitted herewith is respectfully requested.

#### REQUEST FOR WITHDRAWAL OF ABANDONMENT

6. Acknowledgment of the active status of this application is respectfully requested.

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. section 1.8(a))

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

Date:

doposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Palents, Weshington, D.C. 2023 L.

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(Pstition for Withdrawai of Abandonment-page 1 of 2)

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		PROFE	SSIONAL CORPORATION
To: Donna Monroe	Fax	: (703) 308-2708	☑ Use this for
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To:	Fax	}	Use this to
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From: Van Mahamedi	Phone: (650) 493-9300	Return Fax: (650) 49j3-681	Date: February 15, 20
Original:	To follow via courier this sheet). If incomplete, call [6	To follow via email i50-493-6811.	Original will not follow
Message: PLEASE DELIVER TO	Donna Monroe ART UNIT 3738		

APPLICATION No.: 08/824,142 FILED: March 25, 1997 TITLE: Intravagular Stant

FAX COPY RECEIVED FEB 1 6 2000 **GROUP 3200** 

650 Page Mill Road, Palo Alto, CA 94304-1050 - 650.493,9300 Tel - 650.493,6811 Fax - www.wagr.com

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Van Mahamedi, Reg. No. 42,828

Respecfully submitted,
WILSON SONSINI GOODRICH & ROSATI

Date: February 16, 2000

650 Page Mill Road Palo Alto, CA 94304 Customer No. 21971

(Petition for Withdrawal of Abandonment-page 2 of 2)



130

UNITED STATE EPARTMENT OF COMMERCE Patent and Trade...ark Office ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

Paper No. 14

Alan A. Csontos INTELLECTUAL PROPERTY DEPARTMENT P.O. Box 2026 Greenville, SC 29602

In re Application of Jean-Claude Arnaud, et al. Application No. 08/323,211 Filed: October 14, 1994 COPY MAILED

SEP 1 0 1997

OFFICEOFFEITIONS
AICPATENTS

ON PETITION

This is a decision on the renewed petition under 37 CFR 1.137(b), filed July 11, 1997 to revive the above-identified application.

The petition is granted.

This application became abandoned for failure to timely respond to the final Office action mailed April 15, 1996, which set a three month shortened statutory period for filing a response. No extensions of time having been obtained pursuant to the provisions of 37 CFR 1.136(a), the date of abandonment of this application is July 16, 1996. Therefore, since this petition was filed within one year of the date of abandonment, the petition complies with the one year filing period requirement in 37 CFR 1.137(b).

Since this application is being revived for purposes of continuity only and since continuity has been established by this decision reviving the application, the application is again abandoned in favor of the continuing application.

Applicant should file a written notice in the continuing application within ONE MONTH from the mail date of this decision indicating that the present application has been revived for purposes of continuity and, accordingly, that the continuing application complies with the copendency requirements of the rules. The failure to file such a notice may result in the continuing application being inadvertently returned to applicant.

Serial No. 323,211

The file is being forwarded to Group 1300.

Telephone inquiries concerning this matter may be directed to the undersigned at (703) 305-8859.

Karen Creasy
Legal Instruments Examiner

Office of Petitions
Office of the Deputy Assistant Commissioner
for Patent Policy and Projects

### EXHIBIT 15

Please type a plus sign (+) finside this box +		<b>*</b> #15
Under the Paperwork Reduction Act of 1995, no persons are required to	Patent and Tradema	PTO/SB/19 (12/97) sproved for use through 9/30/00, OMB 06:11-0032 it Office: U.S. DEPARTMENT OF COMMERCE stion unless it displays a valid OMB control number
CONTINUED PROSECUT		
Submit an original, and a	ANDIVITI I AL	CHECK BOX, if applicable;
(Only for Continuation or Divisiona	l applications under 37 CF.	R 1.53(d)) 🔯 DUPLICATE
Address to:	Alterney Docket No.	18461.702
Assistant Commissioner for Patents	First Named Inventor	C. David Jang
Box CPA Washington, DC 20231	Express Mail Label No.	EL322090213US
	Total Pages	10
		<del></del>
This is a request for a continuation or divisi (continued prosecution application (CPA)) of prior application (March 25, 1997, entitled INTRAVASCULA	cation number 08/824.	37 CFR 1.53(d), 142,
	~FG	***************************************
FILING QUALIFICATIONS: The prior application identified above defined by 37 CFR 1.51(b) and filed an or after time 8, 1895, or (2) if U.S.C. 371 and filed on ar after June 8, 1895.	I <u>TES</u> re mun be a nonprovizional appli re notional nage of an internația	cation that is either: (1) complete as nal opplication in compliance with 35
C-I-P NOT PERMITTED: A continuation-in-part application name CFR 1.13(8).	n be filed as a CPA under 57 CP	R 1.53(d), but must be flind under 57
EXPRESS ABANDONNEENT OF PRIOR APPLICATION: The filing the filing date of the region for a CPA. 37 CFR 1,33(b) must be used application that it not to be abundaned.	of this CPA is a request to expres to file a continuetton, divisional	zly abandan she prior application at of , or conservation-sn-part of an
ACCESS TO PRIOR APPLICATION: The filing of this CPA will be 35 U.S.C. 121 to the asians that any mamber of the public who is entited information concarring, the prior application may be given similar as application or applications in the file justes.		
35 U.S.C. 120 STATEMENT: in a CPA, no reference to the prior as should be submitted. If a smeasoc referencing the prior application is reference required by 35 U.S.C. 120 and so every application assigns.		
1.   Enter the unentered amendment previously filed	pn	
under 37 CFR 1.116 in the prior nonprovisional	application.	
2. A proliminary amendment is enclosed.		
3. This application is filed by fewer than all the invento	rs named in the prior s	polication, 37 CFR 1 53/d3/4)
a. DELETE the following inventor(s) named in		
***************************************		***************************************
*	************************	
b. The inventor(s) to be deleted are set forth on		
4. \ A new power of attorney or authorization of ager	nt (PTO/SB/81) is enci	osed.
5. Information Disclosure Statement (IDS) is enclosed.		
a. PTO-1449		
b. Copies of IDS Citations		
[Page Burden Hour Statement: This form is estimated to take 0.4 hours to come Any comments on the amount of time you are required to complete this former for former for the washington, DC 20231, DO NOT SEND FEES OR Commissioner for Patents. Box CPA, Washington, DC 20231,	plets. Time will vary depending	f lada

	(I) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) ÇA	LCULATION
)). 6 a (s. s	TOTAL CLAIMS (37 CFR 1.16(c))	72 -20 =	52	× \$ <u>18</u> =	5	936.00
1	INDEPENDENT CLAIMS (37 CFR 1.16(b))	5-3 =	2	× \$ <u>78</u> =		156,00
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	10. NEW CORRESPONDEN	CE ADDRESS	
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1	1. Signature of applicant, attorney, or agent required
NAME	Van Mehamedi, Reg. No. 42,828
SIGNATURE	1) what
DATE	Navember 22, 1999
	(900) 164

CERTIFICATE OF MAILING BY "EXPRESS MAIL"
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Assistant Commissioner for Patents, Washington, D.C. 20231

Donno

Attorney Docket No.: 18461.702

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

G. David Jang

Group Art Unit: 3738

Application No.: 08/824,142

Examiner; Nguyen, D.

Filed: March 25, 1997

For: INTRAVASCULAR STENT

#### PRELIMINARY AMENDMENT

Box CPA
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicant submits this amendment concurrently with a Continuation Prosecution Application (CPA), in response to the Office Action mailed June 22, 1999, and the Advisory Action mailed October 13, 1999. Reconsideration is respectfully requested in view of the following amendments and remarks.

#### RESTRICTION/ELECTION REQUIREMENT:

Applicant withdraws claims 4, 6, 8, 9, and 75-83. Applicant requests reinstatement of these claims if claim 1 is allowed.

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#### In the Claims:

Please amend the claims as follows:

- 1. (Twice Amended) A stent in a non-expanded state, comprising:
- a first column expansion strut pair formed of a first expansion strut and a [parallel] second expansion strut that is parallel to the first expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a non-perpendicular angle, a plurality of the first column expansion strut pair forming a first expansion column;

a second column expansion strut pair formed of a first expansion strut and a parallel second expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a nonperpendicular angle, a plurality of the second column expansion strut pair forming a second expansion column; and

[a first serial connecting strut,] a plurality of first serial connecting struts forming a first connecting strut column, the plurality of first serial connecting struts coupling the first expansion column to the second expansion column, a first connecting strut in the first connecting strut column including multiple linear sections; and

wherein the first expansion column, the second expansion column, and the first connecting strut column forming a plurality of geometric cells and at least a portion of the plurality are asymmetrical geometric cells.

- 10. (Twice Amended) The stent of claim 1, wherein a [spacing] first distance between the first expansion strut and the second expansion strut of the first expansion column strut pair [and the spacing] is different than a second distance between a first expansion strut and a second expansion strut of an adjacent first expansion column strut pair in the first expansion column are different.
- 11. (Twice Amended) The stent of claim [1] 10, wherein a [spacing] first distance between the first expansion strut and the second expansion strut of the second column expansion strut pair [and the spacing] is different than a second distance between a first expansion strut and

a second expansion strut of an adjacent second column expansion strut pair in the second expansion column are different.

- 12. (Twice Amended) The stent of claim [2] 11, wherein [a spacing distance between] the first and second distance in the first expansion column [strut pair and the spacing distance between an adjacent first expansion column strut pair in the first expansion column, and a spacing distance between the second column expansion strut pair and the spacing distance between an adjacent second column expansion strut pair in the second expansion column] are the same, and wherein the first and second distance in the second expansion column are the same.
  - 21. (Twice Amended) A stent in a non-expanded state, comprising:
- a first expansion column formed of a plurality of pairs of a first expansion strut and a parallel second expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a non-perpendicular angle,
- a second expansion column formed of a plurality of pairs of a first expansion strut and a parallel second expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a non-perpendicular angle;
- a first connecting strut column formed of a plurality of first connecting struts, a first connecting strut in the first connecting strut column including multiple linear sections, wherein the first connecting strut column couples the first expansion column to the second expansion column and [at least a portion of the first connecting struts include a proximal section, a distal section, a first linear section and includes a first slant angle formed between two of the multiple linear sections.
- 40. (Amended) The stent of claim 21, further comprising: a third expansion strut column formed of a plurality of the third expansion struts; and a second connecting strut column formed of a plurality of second connecting struts, a first connecting strut in the third connecting strut column including a linear section, wherein the CANRPORTBLAPALIBIAGHIA1093342.1 3

second connecting strut column couples the second expansion column to the third expansion column and [at least a portion of the second connecting struts include a proximal section, a distal section, a first linear section and] includes a third slant angle formed between two of the multiple linear sections.

- 49. (Twice Amended) A stent in a non-expanded state, comprising:
- a first expansion column formed of a plurality of pairs of a first expansion strut and a parallel second expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a non-perpendicular angle;
- a second expansion column formed of a plurality of pairs of a first expansion strut and a parallel second expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a non-perpendicular angle;
- a first connecting strut column formed of a plurality of first connecting struts, the first connecting struts including multiple linear sections, wherein the first connecting strut column couples the first expansion column to the second expansion column and a first expansion strut in the first expansion column is circumferentially offset from a corresponding second expansion strut of the second expansion column.
- 64. (Amended) The stent of claim 63, wherein at least a portion of the second connecting struts include a proximal section coupled to a distal section of a second expansion strut, a distal section coupled to a proximal section of a corresponding third expansion strut, a first linear section between the proximal and distal sections and a [third] strut angle.
- 67. (Amended) The stent of claim 63, wherein the portion of the second connecting struts including a [third] slant angle have a second linear section coupled to the first linear section and the third slant angle is formed between the first and second linear sections.
- 68. (Amended) The stent of claim 64, wherein the portion of the second connecting struts including the [third] slant angle have a second linear section coupled to the first linear section of CANRFORTBLARABINGALIST 4

the second connecting strut and the [third] slant angle is formed between the first and second linear sections.

69. (Amended) The stent of claim 68, wherein each [third strut] slant angle of the second connecting struts is directed in a second circumferential direction that is in an opposite direction of a first circumferential direction of [the first strut] a slant angle of the first connecting [strut] struts.

### Please add the following new claims.

84.(New) A stent in a non-expanded state, comprising:

a first column expansion strut pair formed of a first expansion strut and a second expansion strut that is parallel to the first expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a non-perpendicular angle, a plurality of the first column expansion strut pair forming a first expansion column;

a second column expansion strut pair formed of a first expansion strut and a parallel second expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a non-perpendicular angle, a plurality of the second column expansion strut pair forming a second expansion column; and

a plurality of first serial connecting struts forming a first connecting strut column, the plurality of first serial connecting struts coupling the first expansion column to the second expansion column, a first connecting strut in the first connecting strut column being either vertical or including at least a first section having a slope in with a first vertical component, and a second section having a slope with a second vertical component; and

wherein the first expansion column, the second expansion column, and the first connecting strut column forming a plurality of geometric cells and at least a portion of the plurality are asymmetrical geometric cells.

a first expansion column formed of a plurality of pairs of a first expansion strut and a parallel second expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a non-perpendicular angle;

a second expansion column formed of a plurality of pairs of a first expansion strut and a parallel second expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a non-perpendicular angle:

a first connecting strut column formed of a plurality of first connecting struts, a first connecting strut in the first connecting strut column including at least a first section that is either vertical or has a slope with a first vertical component, and a second section that has a slope with a second vertical component, wherein the first connecting strut column couples the first expansion column to the second expansion column and a first expansion strut in the first expansion column is circumferentially offset from a corresponding second expansion strut of the second expansion column.

#### REMARKS

Applicant thanks the Examiner for thoroughly reviewing the application. Amendments and remarks enclosed herein are intended to place all claims in the application in condition for allowance. Therefore, Applicant requests the Examiner's discretion in considering this response.

### 1. Election/Restriction Requirement

In the Office Action, the Examiner requested that the Applicant withdraw claims 4, 6, 8, 9. Applicant has withdrawn these claims, but requests reinstatement of the claims if the Examiner Indicates claim 1 is in condition for allowance. Claim 1 is a genus that reads on a structure such as shown by FIG. 8C, and claims 4, 6, 8, 9 are species under claim 1.

While Applicant disagrees with the Examiner's assertions regarding claims 75-83. Applicant has cancelled these claims without prejudice to expedite prosecution of this application.

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Case 1:05-cv-00768-SLR

Case 1:05-cv-00768-SLR

#### 2. Rejection Under 35 U.S.C. \$112. Second Paragraph

In the Office Action the Examiner rejected claims 10-12, 64, 67-69 under 35 U.S.C. § 112, second paragraph as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Applicant has amended these claims to specifically deal with the language that the Examiner found objectionable. Applicant respectfully requests reconsideration of these claims in light of these amondments.

#### Rejection Under 35 U.S.C. § 102(e)

In the Office Action, the Examiner rejected claims 1-3, 7, 12, 17, 22-22 and 35 under 35 U.S.C. § 102(e) as being anticipated by Pinchasik, et al. (U.S. Pat. No. 5,449,373). While Applicant disagrees with the applicability of Pinchasik, Applicant has amended each of the independent claims 1, 21, and 49 to recite at least one connecting strut in the connecting strut column to include multiple linear sections. Applicant submits that Pinchasik does not disclose linear connecting struts.

Further, Applicant requests reconsideration of claims 1, 21, and 49 because Pinchasik does not disclose a substantially linear joining strut connecting the expansion struts. In the Office Action, the Examiner stated that FIG. 3 of Pinchasik has "has parts to the joining struts 124 that are 'substantially linear' and non-perpendicular to the parallel struts." This characterization is not equivalent to "substantially linear joining strut", as recited in the independent claims. Applicant notes that the Examiner's characterization is applicable to curved struts and straight struts alike.

Therefore, Applicant submits that claims 1-3, 7, 12, 17, 21, 22, and 36 are patentably distinct from Pinchasik.

The features mentioned above regarding the connecting struts and the joining struts of amended claims 1, 21, and 49 are repeated with respect to Orth. Therefore, Applicant submits that claims 1-3, 5, 10-13, 21, 22, 49, 60, and 63 are patentably distinct from Orth.

#### 4. Rejection Under 35 U.S.C. § 103(a)

Claims 19, 20, 65, 66 and 72 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Pinchasik, Orth or Israel, as applied above in view of Fischell et al., (U.S. 5,607,442). However, in light of the amendments made to claims 1, 21 and 49, Applicant submits that this rejection is now moot,

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#### CONCLUSION

It is submitted that the present application is in form for allowance, and such action is respectfully requested. If any outstanding issues remain, Applicant urges the Patent Office to telephone Applicants attorneys so that these issues may be resolved in an expeditious manner.

The Commissioner is hereby authorized to charge any fees that may be required by this paper, and to credit any overpayment, to Deposit Account No. 23-2415 (Docket No. 18461.702).

Respectfully submitted,

WILSON SONSINI GOODRICH & ROSATI

Ву

an Mahamedi

Registration No. 42,828

650 Page Mill Road Palo Alto, CA 94304-1050 Telephone: (650) 320-4591 Date: November 22, 1999

### EXHIBIT 16

MAILED

mak 15 2000

Director's Office Group 3700

In re Application of: David G. Jang

Serial No.: 08/824,142 Filed: March 25, 1997

For: INTRAVASCULAR STENT



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

DECISION ON PETITION

This a decision on applicants' request filed February 16, 2000, to review the holding of abandonment, mailed February 7, 2000, for failure to respond to the Office Action of June 22, 1999.

A review of the file indicates that a response was timely filed on November 22, 1999.

The response was in the form of a request for the filing of a continuing prosecution application (CPA) which includes an express abandonment of the prior application which is hereby acknowledged. The prior application, therefor, remains abandoned as of November 22, 1999. The request for a CPA will be processed in due course.

Summary: Holding of Abandonment Withdrawn and Express Abandonment Acknowledged.

John J Love, Drector, Groups 3730/3760 Mechanical Engineering, Manufacturing

and Products (703) 308-0873

JJL:nlw

Wilson Sonsini Goodrich Rosati 650 Page Mill Road Palo Alto, CA 94304-1050

### EXHIBIT 17



#### UNITED STATE /EPARTMENT OF COMMERCE Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS

APPLICATION NO.	FILING DATE	FIRST NAMED	INVENTOR	A.	TTORNEY DOCKET NO.
08/824,14	2 03/25/9	7 JANG		Pe	17828-707
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Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

055- 4-40	Application No. 08/824,142	Applicant(s	) Jang	·
Office Action Summary	Examiner Dinh Nguy	en	Group Art Unit 3738	
Responsive to communication(s) filed on				
☐ This action is FINAL.			<u></u>	
Since this application is in condition for allowance ex- in accordance with the practice under Ex parte Quayle	ept for formal matters e, 1935 C.D. 11; 453	i, prosecution	on as to the mer	its is closed
A shortened statutory period for response to this action is longer, from the mailing date of this communication. Fapplication to become abandoned. (35 U.S.C. § 133). E 37 CFR 1.136(a).	s set to expire3	month	A 400 -00-00-0	
Disposition of Claims				
X Claim(s) 1-13, 17, 19-22, 49, 60, 63-69, 72, and	75-85	is/are	pending in the a	oplication.
Of the above, claim(s) 4, 6, 8, and 75-83		is/are w	ithdrawn from c	nnsideration
VXI Claim(s) 49 60 63-69 and 75			s/are allowed.	Onaporation.
X Claim(s) 1-3, 7, 12, 17, 19-22, 84, and 85				
X Claim(s) <u>5, 9-11, and 13</u>			s/ara objected to	
☐ Claims	are subjec	t to restrict	ion or election is	u Raisirement
Application Papers			in an anabaton re	squirentent.
See the attached Notice of Draftsperson's Patent D	rawing Review, PTO-	948		
The drawing(s) filed onis/are	objected to by the Ex	aminer		
☐ The proposed drawing correction, filed on	is 🗀 a	-	disapproved.	
$\square$ The specification is objected to by the Examiner.		L. 4. 44 C	olooppi ovau.	
The oath or declaration is objected to by the Exami	ner.			
Priority under 35 U.S.C. § 119				
Acknowledgement is made of a claim for foreign pr	lority under 35 U.S.C.	§ 119{a}-(d	<del>1</del> ).	
☐ All ☐ Some* ☐ None of the CERTIFIED cop	pies of the priority doc	uments hav	e been	
received.				
received in Application No. (Series Code/Series	al Numberi		•	
Teceived in this national stage application from *Certified copies not received:	n the International Bur	eau (PCT R	ule 17.2(a)).	
Acknowledgement is made of a claim for domestic	Official Landor 35 LLC	C 6 14044	<del></del>	··
Attachment(s)	buoutk auget 32 O'2'	C. 3 119(e).	•	
☐ Notice of References Cited, PTO-892				
☐ Information Disclosure Statement(s), PTO-1449, Pag	ner Nols)			
☐ Interview Summary, PTO-413			•	
☐ Notice of Draftsperson's Patent Drawing Review, P	Γ <b>Ò-948</b>			
☐ Notice of Informal Patent Application, PTO-152				
- SEE OFFICE ACTION	ON THE FOLLOWING F	AGES		

Application/Control Number: 08/824,142

Art Unit: 3738

#### Page 2

#### DETAILED ACTION

#### Claim Rejections - 35 USC § 112

Claims 10-12 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In claims 10 and 11, Applicant's amendment has stated that the distance between the first set of expansion struts is different from the second set, but at the end of the claim, the words "are different"at the last line of the claim still exist in the claim making it redundant and confusing. It would appear that these words were supposed to be deleted when additional language were added to the claim language.

In claim 12, a similar problem exists similar to above for claims 10 and 11. It appears that line 6, "are the same" should be deleted.

### Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 3710 of this title before the invention thereof by the applicant for patent.

Page 3

Art Unit: 3738

Claims 1-3, 7, 12, 17, 21, 22, 84 and 85 are rejected under 35 U.S.C. 102(e) as being anticipated by Pinchasik et al., USPN 5,449,373 as submitted in Applicant's IDS and applied in the previous office action. The rejection is reiterated herein for convenience:

"Pinchasik discloses a stent having all of the claimed features. See figures 2A, 2B and 2C.

The stent as disclosed have different columns of expansion struts and connecting struts as claimed. In these figures, the cells immediately underneath the expansion struts 112 are asymmetrical in shape as claimed for claim 1. As to claim 21, the claim merely requires two sets of column struts and a column of expansion struts having a linear section and an angel. Figures 2A-2C clearly show a stent meeting all of these broadly claimed features. The independent claims as cited above merely require the struts to have generic geometry which are clearly found in the stent of Pinchasik."

#### Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 19 and 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Pinchasik as applied above in view of Fischell et al., USPN 5,607,442. With respect to these claims, the primary references as applied do not disclose the use of radiopaque material and

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Application/Control Number: 08/824,142

Art Unit: 3738

electroplating. However, Fischell teaches using radiopaque material for fluorescopic examination and electroplating for stent material. See abstract and column 3, lines 39-49. It would have been obvious to one of ordinary skill in the art to have combined the teaching of using radiopaque material and electroplating, as taught by Fischell, to the stents of Pinchasik, in order to provide fluoroscopic examination.

### Response to Applicant's Arguments

Applicant has argued that Applicant's claim language regarding "substantially linear joining struts" is not met by the prior art as applied. Examiner disagrees with this line of argument. The figure as cited clearly show the struts to be slightly curved, they are considered to meet the broad language of "substantially linear."

#### Allowable Subject Matter

Claims 49, 60, 63-69 and 72 are allowed.

Claims 5, 9-11 and 13 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Application/Control Number: 08/824,142

Page 5

Art Unit: 3738

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dinh X. Nguyen whose telephone number is (703) 305-3522.

Dinh X

May 12, 2000

# EXHIBIT 18

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(S)	CONTINUED PROSECUT REQUEST TR Submit an original, and a (Only for Continuation or Divisional	ION APPLICATI ANSMITTAL duplicate for fee processin	ION (CPA) EST (S)
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Attiti 623	Assistant Commissioner for Patents	Attorney Docket No.  First Named Inventor	18461.702 (A) A) C. David Jang
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<u></u>	Washington, DC 20231	Total Pages	10
(continu	a request for a continuation or division divisio	ation number 08/824.	37 CFR 1.53(d), 142,
	No	TES	
	FILING QUALIFICATIONS: The prior application identified above defined by 37 CFR 1.51(t) and filed on or after June 8, 1995, or (2) th U.S.C. 371 and filed on or after June 8, 1995.	s ancer has a nonneavisional and	ication that is either: (1) complete as mal application in compliance with 35
	C-I-P NOT PERMITTED: A continuation-in-part application cannot CFR 1.53(b).	t be filed as a CPA under 37 CF	R 1.53(d), but must be filed mader 37
	EXPRESS ABANDONMENT OF PRIOR APPLICATION: The filing of the filing date of the request for a CPA. 37 CFR 1.53(h) must be used upplication that is not to be abandoned.	f this CPA is a request to expres to file a continuation, divisional	tsly abandon the princupplication as an
	ACCESS TO PRIOR APPLICATION: The filing of this Cl'A will be 33 U.S.C. 122 to the extent that any member of the public who is entitl information concerning, the prior application may be given similar accapilication or opplications in the file jucket.		
	33 U.S.C. 120 STATÉMENT: In a CPA, no reference to the prior up, should be submitted. If a sentence referencing the prior application is reference required by 35 U.S.C. 120 and to every application assigned	Stift Militaria it swill mad he and heart	l dimensione de la companya del companya del companya de la compan
1.	Enter the unentered amendment previously filed ounder 37 CFR 1.116 in the prior nonprovisional a	onpplication.	
2. 🛛	A preliminary amendment is enclosed.		
3. This	s application is filed by fewer than all the inventor	s named in the prior a	pplication, 37 CFR 1.53(d)(4).
a.	DELETE the following inventor(s) named in	the prior nonprovisio	nal application:
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b.	The inventor(s) to be deleted are set forth on a		
	A new power of attorney or authorization of agen		osed.
5. Info	rmation Disclosure Statement (IDS) is enclosed.	11/26/1999 DVUONG (	00000042 232415 08824142
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b. [	Copies of IDS Citations	03 FC+103 936	2.00 CH 0.00 CH

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FRES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box CPA, Westington, DC 20231.

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CAL	CULATION
	TOTAL CLAIMS (37 CFR 1.16(c))	72 -20 =	52	× \$18 ==	\$	936.00
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[Page 2 of 2]

SIGNATURE

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Navcinber 22, 1999

# EXHIBIT 19

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CERTIFICATE OF MAILING BY "EXPRESS MAIL"
"Express Mail" Mailing Label No. EL322090213US
Date of Deposit November 22, 1999, I hereby certify that
this paper or fee is being deposited with the United States Postal
Services "Express Mail Post Office to Addressec" service under
37 CFR 1.10 on the date indicated above and is addressed to: Box CPA

Assistant Commissioner for Patents, Washington, D.C. 20231

Donna L. Hengst

Attorney Docket No.: 18461.702

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applica	tion of	)			
G. Da	vid Jang	) Group Art Unit: 373	8		
Application N	Io.: 08/824,142	) Examiner: Nguyen, I	D. <u>_</u>		
Filed: March	25, 1997	,	C 3.70	75	(기)
For: INTR	AVASCULAR STENT	)	00 HA	129	CEN
	PRELIMINAL	RY AMENDMENT	าเร	1003	
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Box CPA Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

Applicant submits this amendment concurrently with a Continuation Prosecution Application (CPA), in response to the Office Action mailed June 22, 1999, and the Advisory Action mailed October 13, 1999. Reconsideration is respectfully requested in view of the following amendments and remarks.

#### RESTRICTION/ELECTION REQUIREMENT:

Applicant withdraws claims 4, 6, 8, 9, and 75-83. Applicant requests reinstatement of these claims if claim 1 is allowed.

#### In the Claims:

Please amend the claims as follows:

1. (Twice Amended) A stent in a non-expanded state, comprising:

a first column expansion strut pair formed of a first expansion strut and a [parallel] second expansion strut that is parallel to the first expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a non-perpendicular angle, a plurality of the first column expansion strut pair forming a first expansion column;

a second column expansion strut pair formed of a first expansion strut and a parallel second expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a non-perpendicular angle, a plurality of the second column expansion strut pair forming a second expansion column; and

[a first serial connecting strut,] a plurality of first serial connecting struts forming a first connecting strut column, the plurality of first serial connecting struts coupling the first expansion column to the second expansion column, a first connecting strut in the first connecting strut column including multiple linear sections; and

wherein the first expansion column, the second expansion column, and the first connecting strut column forming a plurality of geometric cells and at least a portion of the plurality are asymmetrical geometric cells.

10. (Twice Amended) The stent of claim 1, wherein a [spacing] first distance between the first expansion strut and the second expansion strut of the first expansion column strut pair [and the spacing] is different than a second distance between a first expansion strut and a second expansion strut of an adjacent first expansion column strut pair in the first expansion column are different.

11. (Twice Amended) The stent of claim [1] 10, wherein a [spacing] first distance between the first expansion strut and the second expansion strut of the second column expansion strut pair [and the spacing] is different than a second distance between a first expansion strut and

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a second expansion strut of an adjacent second column expansion strut pair in the second expansion column are different.

12. (Twice Amended) The stent of elaim [2] 11, wherein [a spacing distance between] the first and second distance in the first expansion column [strut pair and the spacing distance between an adjacent first expansion column strut pair in the first expansion column, and a spacing distance between the second column expansion strut pair and the spacing distance between an adjacent second column expansion strut pair in the second expansion column are the same, and wherein the first and second distance in the second expansion column

21. (Twice Amended) A stent in a non-expanded state, comprising:

first expansion column formed of a plurality of pairs of a first expansion strut and a parallel second expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a non-perpendicular angle;

a second expansion column formed of a plurality of pairs of a first expansion strut and a parallel second expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a non-perpendicular angle;

a first connecting strut column formed of a plurality of first connecting struts, a first connecting strut in the first connecting strut column including multiple linear sections, wherein the first connecting strut column couples the first expansion column to the second expansion column and [at least a portion of the first connecting struts include a proximal section, a distal section, a first linear section and] includes a first slant angle formed between two of the multiple linear sections.

46 (Amended) The stent of claim 21, further comprising: a third expansion strut column formed of a plurality of the third expansion struts; and a second connecting strut column formed of a plurality of second connecting struts, a first connecting strut in the third connecting strut column including a linear section, wherein the C:\NRPORTBL\PALib1\db1\1093342.1 3

are the same.

second connecting strut column couples the second expansion column to the third expansion column and [at least a portion of the second connecting struts include a proximal section, a distal section, a first linear section and] includes a third stant angle formed between two of the multiple linear sections.

49. (Twice Amended) A stent in a non-expanded state, comprising:

a first expansion column formed of a plurality of pairs of a first expansion strut and a parallel second expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a non-perpendicular angle;

a second expansion column formed of a plurality of pairs of a first expansion strut and a parallel second expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a non-perpendicular angle;

a first connecting strut column formed of a plurality of first connecting struts, the first connecting struts including multiple linear sections, wherein the first connecting strut column couples the first expansion column to the second expansion column and a first expansion strut in the first expansion column is circumferentially offset from a corresponding second expansion strut of the second expansion column.

64. (Amended) The stent of claim 63, wherein at least a portion of the second connecting struts include a proximal section coupled to a distal section of a second expansion strut, a distal section coupled to a proximal section of a corresponding third expansion strut, a first linear section between the proximal and distal sections and a [third] strut angle.

67. (Amended) The stent of claim 63, wherein the portion of the second connecting struts including a [third] slant angle have a second linear section coupled to the first linear section and the third slant angle is formed between the first and second linear sections.

68. (Amended) The stent of claim 64, wherein the portion of the second connecting struts including the [third] slant angle have a second linear section coupled to the first linear section of CNNRPORTBLYPALIBINID93342.1

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the second connecting strut and the [third] slant angle is formed between the first and second linear sections.

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Connecting struts is directed in a second circumferential direction that is in an opposite direction of a first circumferential direction of a first circumferential direction of [the first strut] a slant angle of the first connecting [strut] struts.

#### Please add the following new claims.

84.(New) A stent in a non-expanded state, comprising:

a first column expansion strut pair formed of a first expansion strut and a second expansion strut that is parallel to the first expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a non-perpendicular angle, a plurality of the first column expansion strut pair forming a first expansion column;

a second column expansion strut pair formed of a first expansion strut and a parallel second expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a non-perpendicular angle, a plurality of the second column expansion strut pair forming a second expansion column; and

a plurality of first serial connecting struts forming a first connecting strut column, the plurality of first serial connecting struts coupling the first expansion column to the second expansion column, a first connecting strut in the first connecting strut column being either vertical or including at least a first section having a slope in with a first vertical component, and a second section having a slope with a second vertical component; and

wherein the first expansion column, the second expansion column, and the first connecting strut column forming a plurality of geometric cells and at least a portion of the plurality are asymmetrical geometric cells.

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a first expansion column formed of a plurality of pairs of a first expansion strut and a parallel second expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a non-perpendicular angle;

a second expansion column formed of a plurality of pairs of a first expansion strut and a parallel second expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a non-perpendicular angle.

a first connecting strut column formed of a plurality of first connecting struts, a first connecting strut in the first connecting strut column including at least a first section that is either vertical or has a slope with a first vertical component, and a second section that has a slope with a second vertical component, wherein the first connecting strut column couples the first expansion column to the second expansion column and a first expansion strut in the first expansion column is circumferentially offset from a corresponding second expansion strut of the second expansion column.

#### REMARKS

Applicant thanks the Examiner for thoroughly reviewing the application. Amendments and remarks enclosed herein are intended to place all claims in the application in condition for allowance. Therefore, Applicant requests the Examiner's discretion in considering this response.

#### 1. Election/Restriction Requirement

In the Office Action, the Examiner requested that the Applicant withdraw claims 4, 6, 8, 9. Applicant has withdrawn these claims, but requests reinstatement of the claims if the Examiner indicates claim 1 is in condition for allowance. Claim 1 is a genus that reads on a structure such as shown by FIG. 8C, and claims 4, 6, 8, 9 are species under claim 1.

While Applicant disagrees with the Examiner's assertions regarding claims 75-83, Applicant has cancelled these claims without prejudice to expedite prosecution of this application.

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In the Office Action the Examiner rejected claims 10-12, 64, 67-69 under 35 U.S.C. § 112, second paragraph as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Applicant has amended these claims to specifically deal with the language that the Examiner found objectionable. Applicant respectfully requests reconsideration of these claims in light of these amendments.

### Rejection Under 35 U.S.C. § 102(e)

In the Office Action, the Examiner rejected claims 1-3, 7, 12, 17, 22-22 and 35 under 35 U.S.C. § 102(e) as being anticipated by Pinchasik, et al. (U.S. Pat. No. 5,449,373). While Applicant disagrees with the applicability of Pinchasik, Applicant has amended each of the independent claims 1, 21, and 49 to recite at least one connecting strut in the connecting strut column to include multiple linear sections. Applicant submits that Pinchasik does not disclose linear connecting struts.

Further, Applicant requests reconsideration of claims 1, 21, and 49 because Pinchasik does not disclose a substantially linear joining strut connecting the expansion struts. In the Office Action, the Examiner stated that FIG. 3 of Pinchasik has "has parts to the joining struts 124 that are 'substantially linear' and non-perpendicular to the parallel struts." This characterization is not equivalent to "substantially linear joining strut", as recited in the independent claims. Applicant notes that the Examiner's characterization is applicable to curved struts and straight struts alike,

Therefore, Applicant submits that claims 1-3, 7, 12, 17, 21, 22, and 35 are patentably distinct from Pinchasik.

The features mentioned above regarding the connecting struts and the joining struts of amended claims 1, 21, and 49 are repeated with respect to Orth. Therefore, Applicant submits that claims 1-3, 5, 10-13, 21, 22, 49, 60, and 63 are patentably distinct from Orth.

#### 4. Rejection Under 35 U.S.C. § 103(a)

Claims 19, 20, 65, 66 and 72 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Pinchasik, Orth or Israel, as applied above in view of Fischell et al., (U.S. 5,607,442). However, in light of the amendments made to claims 1, 21 and 49, Applicant submits that this rejection is now moot.

: |

#### CONCLUSION

It is submitted that the present application is in form for allowance, and such action is respectfully requested. If any outstanding issues remain, Applicant urges the Patent Office to telephone Applicants attorneys so that these issues may be resolved in an expeditious manner.

The Commissioner is hereby authorized to charge any fees that may be required by this paper, and to credit any overpayment, to Deposit Account No. 23-2415 (Docket No. 18461.702).

Respectfully submitted,

WILSON SONSINI GOODRICH & ROSATI

Ву

Van Mahamedi

Registration No. 42,828

650 Page Mill Road Palo Alto, CA 94304-1050 Telephone: (650) 320-4591 Date: November 22, 1999 

# EXHIBIT 20



# UNITED STAY. DEPARTMENT OF COMMERCE Patent and Trademark Office Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTO	DANEY DOCKET NO.
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Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

PTG-90G (Rev. 2/95)

1. File Copy

<u> </u>	Application No. 08/824,142	Applicant(s	Applicant(s)		
Office Action Summary	Examiner Dinh Nguy	en	Group Art Unit 3738		
☐ Responsive to communication(s) filed on May 23, 190	0			·	
This action is FINAL.				<del></del> -	
☐ Since this application is in condition for allowance exce in accordance with the practics under Ex parte Quayle	opt for formal matters , 1935 C.D. 11; 453	, prosecuti O.G. 213,	on as to the mer	its is closed	
A shortened statutory period for response to this action is longer, from the mailing date of this communication. Fi application to become abandoned. (35 U.S.C. § 133), Example 1.136(a).	set to expire3	month	d for reenance w	uill causa tha	
Disposition of Claims					
X Claim(s) 1-13, 17, 19-22, 49, 60, 63-69, 72, and :	75-85	is/are	pending in the a	onlication.	
Of the above, claim(s) 4, 6, 8, and 75-83		is/are w	ilthdrawn from c	concideration	
X Claim(s) 49, 60, 63-69, and 72		u.u.u	s/are allowed	onsideration.	
X Claim(s) 1-3, 7, 12, 17, 19-22, 84, and 85		——-·	stare rejected		
X Claim(s) 5, 9-11, and 13		' <del></del> ' i	size objected to		
☐ Claims	are subject	t to restrict	tion or election r	nauitament	
Application Papers				equiteristi.	
[1] See the attached Notice of Draftsperson's Patent Dr	awing Review, PTO-	948.			
The drawing(s) filed onis/are					
The proposed drawing correction, filed on			disapproved.		
☐ The specification is objected to by the Examiner.		•			
$\square$ The oath or declaration is objected to by the Examin	er.				
Priority under 35 U.S.C. § 119					
Acknowledgement is made of a claim for foreign pri	ority under 35 U.S.C	. § 119(a)-(	d}.		
☐ All ☐ Some* ☐ None of the CERTIFIED cop	ies of the priority doe	uments ha	ve been		
received,					
☐ received in Application No. (Series Code/Seria	i Numberi		<b>_ ,</b>		
received in this national stage application from *Certified copies not received:	the international Bu	reau (PCT F	lule 17.2(a)).		
Acknowledgement is made of a claim for domestic	priority under 35 U.S.	C 6 110/a		<del></del> '	
Attachment(s)		0.3113(6)	,		
☐ Notice of References Cited, PTO-892					
☐ Information Disclosure Statement(s), PTO-1449, Pap	er No(s).		•		
☐ Interview Summary, PTO-413	<del></del>				
Notice of Draftsperson's Patent Drawing Review, PT	0-948				
☐ Notice of Informal Patent Application, PTO-152					
· SEE OFFICE ACTION	ON THE FOLLOWING	PAGES		•	

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Art Unit: 3738

#### **DETAILED ACTION**

Applicant has filed a request for CPA and an amendment dated 5-23-00. However, the amendment is a repeat of the amendment filed 11-22-99. Therefore, the office action dated 5-15-00 is repeated and reitereated below.

#### Claim Rejections - 35 USC § 112

Claims 10-12 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In claims 10 and 11, Applicant's amendment has stated that the distance between the first set of expansion struts is different from the second set, but at the end of the claim, the words "are different"at the last line of the claim still exist in the claim making it redundant and confusing. It would appear that these words were supposed to be deleted when additional language were added to the claim language.

In claim 12, a similar problem exists similar to above for claims 10 and 11. It appears that line 6, "are the same" should be deleted.

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Application/Control Number: 08/824,142

Art Unit: 3738

#### Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in a putent granted on an application for putent by another filed in the United States before the invention thereof by the applicant for putent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371© of this title before the invention thereof by the applicant for putent.

Claims 1-3, 7, 12, 17, 21, 22, 84 and 85 are rejected under 35 U.S.C. 102(e) as being anticipated by Pinchasik et al., USPN 5,449,373 as submitted in Applicant's IDS and applied in the previous office action. The rejection is reiterated herein for convenience:

"Pinchasik discloses a stent having all of the claimed features. See figures 2A, 2B and 2C.

The stent as disclosed have different columns of expansion struts and connecting struts as claimed. In these figures, the cells immediately underneath the expansion struts 112 are asymmetrical in shape as claimed for claim 1. As to claim 21, the claim merely requires two sets of column struts and a column of expansion struts having a linear section and an angel. Figures 2A-2C clearly show a stent meeting all of these broadly claimed features. The independent claims as cited above merely require the struts to have generic geometry which are clearly found in the stent of Pinchasik."

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Application/Control Number: 08/824,142

Art Unit: 3738

#### Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 19 and 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Pinchasik as applied above in view of Fischell et al., USPN 5,607,442. With respect to these claims, the primary references as applied do not disclose the use of radiopaque material and electroplating. However, Fischell teaches using radiopaque material for fluoroscopic examination and electroplating for stent material. See abstract and column 3, lines 39-49. It would have been obvious to one of ordinary skill in the art to have combined the teaching of using radiopaque material and electroplating, as taught by Fischell, to the stents of Pinchasik, in order to provide fluoroscopic examination.

### Response to Applicant's Arguments

Applicant has argued that Applicant's claim language regarding "substantially linear joining struts" is not met by the prior art as applied. Examiner disagrees with this line of argument. The figure as cited clearly show the struts to be slightly curved, they are considered to meet the broad language of "substantially linear."

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Application/Control Number: 08/824,142

Art Unit: 3738

Claims 49, , 60, 63-69 and 72 are allowed.

Claims 5, 9-11 and 13 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Allowable Subject Matter

This is a CPA of applicant's earlier Application No. 08/824,142. All claims are drawn to the same invention claimed in the earlier application and could have been finally rejected on the grounds and art of record in the next Office action if they had been entered in the earlier application. Accordingly, THIS ACTION IS MADE FINAL even though it is a first action in this case. See MPEP § 706.07(b). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no, however, event will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dinh X. Nguyen whose telephone number is (703) 305-3522.

Dinh X. Ngu

June 3, 2000

# EXHIBIT 21

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UNITED STATL DEPARTMENT OF COMMERCE
Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NO.	FILING DATE	FIRST NAMED INV	ENTOR		ATTORNEY DOCKET NO.
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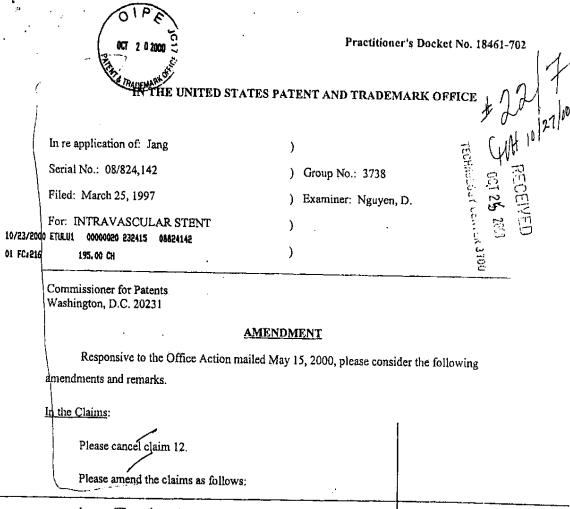
Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

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	Application No.	Applicantis		
Interview Summary	08/824,142		Jang	THE RESERVE OF THE PARTY OF THE
	Examiner Dinh Nguy	en	Group Art Unit 3738	
All participants (applicant, applicant's representative, PTC	) personnel):		_	
(1) Dinh Nguyen	(3)	· · · · · · · · · · · · · · · · · · ·		
(2) Van Mahamedi	(4)			
Date of Interview Jun 30, 2000	_			
Type: 🖄 Telephonic 🗆 Personal (copy is given to	□ applicant □ ap	plicant's rej	presentative).	•
Exhibit shown or demonstration conducted:	XI No. If yes, brief di	escription:		
Agreement 🔀 was reached. 📋 was not reached.				
Claim(s) discussed: all pending claims		<u></u>	·	
Identification of prior art discussed:				
It is agreed, as per Mr. Mahamedi's phone call to Examine improper. The request for CPA and amendment, paper no appears that Applicant had sent in copies of these since that a now been matched with the application. Thus, the I non-final rejection dated 5-15-00 stands.	). 18 and 19, are dup he papers were lost h	licates of ea v PTO and	of which there	ady entered, It
(A fuller description, if necessary, and a copy of the amen the claims allowable must be attached. Also, where no co is available, a summary thereof must be attached.)	dments, if available, oppy of the amendents	which the e which wou	xaminer agreed all the cla	would render sims allowable
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Unless the paragraph above has been checked to indicate LAST OFFICE ACTION IS NOT WAIVED AND MUST INCLUSECTION 713,04). If a response to the last Office action has FROM THIS INTERVIEW DATE TO FILE A STATEMENT OF	ODE THE SUBSTANC	E OF THE I	NTERVIEW. (See	
<ol> <li>Since the Examiner's interview summary above (in each of the objections, rejections and requirements claims are now allowable, this completed form is of Office action. Applicant is not relieved from provis is also checked.</li> </ol>	s that may be present considered to fulfill the	t in the last	Office action, ar	nd since the
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# EXHIBIT 22



(Three times Amended) A stent in a non-expanded state, comprising:

a first column expansion strut pair formed of a first expansion strut and a second expansion strut that is parallel to the first expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a nonperpendicular angle, a plurality of the first column expansion strut pair forming a first expansion column;

a second column expansion strut pair formed of a first expansion strut and a parallel second expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a non-perpendicular angle, a plurality of the second column expansion strut pair forming a second expansion column; and

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a plurality of first serial connecting struts forming a first connecting strut column, the plurality of first serial connecting struts coupling the first expansion column to the second expansion column, a first connecting strut in the first connecting strut column including multiple linear sections with at least one of the linear sections being substantially parallel to at least one of the first expansion strut or the second expansion strut of the first expansion strut column; and

wherein the first expansion column, the second expansion column, and the first connecting strut column forming a plurality of geometric cells and at least a portion of the plurality are asymmetrical geometric cells.

[ The stent of claim 2] A stent in a non-expanded state, comprising: (Amended) a first column expansion strut pair formed of a first expansion strut and a second expansion strut that is parallel to the first expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a nonperpendicular angle, a plurality of the first column expansion strut pair forming a first expansion column;

a second column expansion strut pair formed of a first expansion strut and a parallel second expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a non-perpendicular angle, a plurality of the second column expansion strut pair forming a second expansion column; and

a plurality of first serial connecting struts forming a first connecting strut column, the plurality of first serial connecting struts coupling the first expansion column to the second expansion column, a first connecting strut in the first connecting strut column including multiple linear sections; and

wherein the first expansion column, the second expansion column, and the first connecting strut column forming a plurality of geometric cells and at least a portion of the plurality are asymmetrical geometric cells, and

wherein the first column expansion strut pair defines a first column loop slot, and the second column expansion strut pair defines a second column loop slot, the first column loop slot [is] being non-collinear to the second column loop slot.

[ The stent of claim 2] A stent in a non-expanded state, comprising: (Amended) a first column expansion strut pair formed of a first expansion strut and a second expansion strut that is parallel to the first expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a non-

perpendicular angle, a plurality of the first column expansion strut pair forming a first expansion column;

a second column expansion strut pair formed of a first expansion strut and a parallel second expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a non-perpendicular angle, a plurality of the second column expansion strut pair forming a second expansion column; and

a plurality of first serial connecting struts forming a first connecting strut column, the plurality of first serial connecting struts coupling the first expansion column to the second expansion column, a first connecting strut in the first connecting strut column including multiple linear sections; and

wherein the first expansion column, the second expansion column, and the first connecting strut column forming a plurality of geometric cells and at least a portion of the plurality are asymmetrical geometric cells, and

wherein the first column expansion strut pair defines a first column loop slot, and the second column expansion strut pair defines a second column loop slot, the first column loop slot shape [is] being different than a second column loop slot shape.

comprising:

(Three times Amended) [ The stent of claim 1] A stent in a non-expanded state,

a first column expansion strut pair formed of a first expansion strut and a second expansion strut that is parallel to the first expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a nonperpendicular angle, a plurality of the first column expansion strut pair forming a first expansion column;

a second column expansion strut pair formed of a first expansion strut and a parallel second expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a non-perpendicular angle, a plurality of the second column expansion strut pair forming a second expansion column; and

a plurality of first serial connecting struts forming a first connecting strut column, the plurality of first serial connecting struts coupling the first expansion column to the second expansion column, a first connecting strut in the first connecting strut column including multiple linear sections; and

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wherein the first expansion column, the second expansion column, and the first connecting strut column forming a plurality of geometric cells and at least a portion of the plurality are asymmetrical geometric cells, and

wherein a first distance between the first expansion strut and the second expansion strut of the first expansion column strut pair is different than a second distance between a first expansion strut and a second expansion strut of an adjacent first expansion column strut pair in the first expansion column [are different].

(Three times Amended) [ The stent of claim 1] A stent in a non-expanded state, comprising:

a first column expansion strut pair formed of a first expansion strut and a second expansion strut that is parallel to the first expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a nonperpendicular angle, a plurality of the first column expansion strut pair forming a first expansion column,

a second column expansion strut pair formed of a first expansion strut and a parallel second expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a non-perpendicular angle, a plurality of the second column expansion strut pair forming a second expansion column; and

a plurality of first serial connecting struts forming a first connecting strut column, the plurality of first serial connecting struts coupling the first expansion column to the second expansion column, a first connecting strut in the first connecting strut column including multiple linear sections; and

wherein the first expansion column, the second expansion column, and the first connecting strut column forming a plurality of geometric cells and at least a portion of the plurality are asymmetrical geometric cells, and

wherein a first distance between the first expansion strut and the second expansion strut of the second column expansion strut pair is different than a second distance between a first expansion strut and a second expansion strut of an adjacent second column expansion strut pair in the second expansion column [are different].

(Amended) A stent in a non-expanded state, comprising:

a first column expansion strut pair formed of a first expansion strut and a second expansion strut that is parallel to the first expansion strut, the first and second expansion struts being coupled by a

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a second column expansion strut pair formed of a first expansion strut and a parallel second expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a non-perpendicular angle, a plurality of the second column expansion strut pair forming a second expansion column; and

a plurality of first serial connecting struts forming a first connecting strut column, the plurality of first serial connecting struts coupling the first expansion column to the second expansion column, a first connecting strut in the first connecting strut column including multiple linear sections; and

wherein the first expansion column, the second expansion column, and the first connecting strut column forming a plurality of geometric cells and at least a portion of the plurality are asymmetrical geometric cells;

wherein the first column expansion strut pair defines a first column loop slot, and the second column expansion strut pair defines a second column loop slot, and

wherein a spacing distance between the first expansion column strut pair and an adjacent expansion column strut pair in the first expansion column, and a spacing distance between the second column expansion strut pair and an adjacent second column expansion strut pair in the second expansion column are different.

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a first expansion column formed of a plurality of pairs of a first expansion strut and a parallel second expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a non-perpendicular angle;

a second expansion column formed of a plurality of pairs of a first expansion strut and a parallel second expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a non-perpendicular angle;

a first connecting strut column formed of a plurality of first connecting struts, a first connecting strut in the first connecting strut column including [multiple] a plurality of linear sections, including a linear section in the plurality of linear sections being substantially parallel to at least one of the pairs of the first expansion strut and the second expansion strut in the first expansion

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column, wherein the first connecting strut column couples the first expansion column to the second expansion column and includes a first slant angle formed between two of the multiple linear sections.

(Amended) A stent in a non-expanded state, comprising:

a first column expansion strut pair formed of a first expansion strut and a second expansion strut that is parallel to the first expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a nonperpendicular angle, a plurality of the first column expansion strut pair forming a first expansion column:

a second column expansion strut pair formed of a first expansion strut and a parallel second expansion strut, the first and second expansion struts being coupled by a substantially linear joining strut that is joined to each of the first and second expansion struts at a non-perpendicular angle, a plurality of the second column expansion strut pair forming a second expansion column; and

a plurality of first serial connecting struts forming a first connecting strut column, the plurality of first serial connecting struts coupling the first expansion column to the second expansion column, a first connecting strut in the first connecting strut column [being either] including multiple linear sections, the multiple linear sections including a first section that is vertical or [including] includes at least a first section having a first slope [in with a first vertical component, and] a second section having a second slope [with a second vertical component], and a third section that is substantially parallel to at least one of the first expansion strut or the second expansion strut of the first expansion strut column; and

wherein the first expansion column, the second expansion column, and the first connecting strut column forming a plurality of geometric cells and at least a portion of the plurality are asymmetrical geometric cells.

#### REMARKS

#### Summary of the Office Action

- Claims 10-12 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing
  to particularly point out and distinctly claim the subject matter which applicant regards as the
  invention.
- 2. Claims 1-3, 7, 12, 17, 21, 22, 84 and 85 are rejected under 35 U.S.C. 102(e) as being anticipated by Pinchasik et al., USPN 5,449,373 as submitted in Applicant's IDS and applied in the previous office action.
- Claims 19 and 20 are rejected under 35 U.S.C 103(a) as being unpatentable over Pinchasik in view of Fischell et al., USPN 5,607,442.
- 4. Claims 49, 60, 63-69 and 72 are allowed.
- 5. Claims 5, 9-11 and 13 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

### Summary of the Response

Applicant thanks the Examiner for indicating allowable subject matter. In response, Applicant has converted the dependent claims indicated as being allowable in the last Office Action to independent claims.

Applicant has amended independent claims 1, 21, and 84. Applicant is traversing the rejection to independent claim 85. A Notice of Allowance is Requested.

#### Rejections under 35 U.S.C. §112

The Examiner rejects claims 10-12 under §112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Claims 10 and 11 have been amended to overcome the rejection. Claim 12 ahs been cancelled.

#### Rejections Under 35 U.S.C. §102

The Examiner rejects claims 1-3, 7, 12, 17, 21, 22, 84 and 85 under §102(e) as being anticipated by Pinchasik et al., USPN 5,449,373 as submitted in Applicant's IDS and applied in the previous office action. Applicant traverses this rejection. In particular, Applicant disagrees with the Examiner's statement that Pinchasik includes connecting struts with multiple linear sections.

In response, Applicant has amended claims 1, 21 and 84 to further recite a feature of a section of the connecting strut that is substantially parallel to one of the expansion struts. Pinchasik discloses U-shaped connecting struts that are not parallel to the expansion struts.

With respect to claim 85, the claim recites a first expansion strut in the first expansion column is circumferentially offset from a corresponding second expansion strut of the second expansion column. Pinchasik does not disclose or suggest this feature (see e.g. FIG. 3).

Applicant respectfully requests allowance of the claims for all of the reasons stated above.

#### Rejections under 35 U.S.C. §103

The Examiner rejects claims 19 and 20 under §103(a) as being unpatentable over Pinchasik in view of Fischell et al., USPN 5,607,442. The Examiner points out that with respect to these claims, the primary references as applied do not disclose the use of radiopaque material and electroplating for stent material. However, Fischell teaches using radiopaque material for fluoroscopic examination and electroplating for stent material. Finally, the Examiner contends that it would have been obvious to one of ordinary skill in the art to have combined the teaching of using radiopaque material and electroplating, as taught by Fischell, to the stents of Pinchasik, in order to provide fluoroscopic examination. Applicant respectfully disagrees with the applicability of Fischell. Furthermore, there is no suggestion to combine the cited references in the manner suggested by the Examiner.

Applicant believes that this rejection is now moot, since claims 19 and 20 both depend from amended claim 1. Therefore, allowance of claims 19 and 20 is respectfully requested.

#### CONCLUSION

It is submitted that the present application is in form for allowance, and such action is respectfully requested.

The Commissioner is authorized to charge any additional fees which may be required, including petition fees and extension of time fees, to Deposit Account No. 23-2415 (Docket No. 18461-702).

Respectfully submitted,

WILSON SONSINI GOODRICH & ROSATI

Date: 10/16/00

Van Mahamedi, Reg. No. 42,828

650 Page Mill Road Palo Alto, CA 94304 (650) 493-9300 Customer No. 021971

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			Examiner Name			Nguyen, D.
Total Number of Page	s in This Submission	8	Attorney Docket	Number		18461-702
		ENCLOSU	RES (check all that	apply)		
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2. EXTRA CLAIM FEES Fee from Fee Paid  Extra Claims below	142	1,240	242	620	Utility issue fee (or ressue)	
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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Petent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

# EXHIBIT 23

·	Application No. 08/824,142	Applicant(s) Jang			
Notice of Allowability	Examiner Group Art Unit Dinh Nguyen 3738				
All claims being allowable, PROSECUTION ON THE MERIT herewith (or previously mailed), a Notice of Allowance and mailed in due course.	S IS (OR REMAINS) ( I Issue Fee Due or ot	CLOSED in this application. If not included ner appropriate communication will be			
X This communication is responsive to the amendment d	ated 10-20-00				
☑ The allowed claim(s) is/are 1-3, 5, 7, 9-11, 13, 17, 19	-22, 49, 60, 63-69, :	72, 84, and 85			
☐ The drawings filed on are accept		•			
☐ Acknowledgement is made of a claim for foreign priorit ☐ All ☐ Some* ☐ None of the CERTIFIED copies ☐ received. ☐ received in Application No. (Series Code/Serial N	of the priority docum	nents have been			
received in this national stage application from the					
*Certified copies not received:					
Acknowledgement is made of a claim for domestic prior					
A SHORTENED STATUTORY PERIOD FOR RESPONSE to C THREE MONTHS FROM THE "DATE MAILED" of this Offic ABANDONMENT of this application. Extensions of time m	ce action. Failure to t	imaly comply will requir in			
Note the attached EXAMINER'S AMENDMENT or NOTI that the oath or declaration is deficient. A SUBSTITUT	CE OF INFORMAL AI E OATH OR DECLAR	PPLICATION, PTO-152, which discloses ATION IS REQUIRED.			
Applicant MUST submit NEW FORMAL DRAWINGS					
🛭 because the originally filed drawings were declared					
<ul> <li>including changes required by the Notice of Draftspe to Paper No</li> </ul>					
<ul> <li>including changes required by the proposed drawing approved by the examiner.</li> </ul>					
including changes required by the attached Examine					
Identifying indicle such as the application number (see drawings. The drawings should be filed as a separate praftsperson.	37 CFR 1.84(c)) shou papar with a transmit	ld be written on the reverse side of the al lettter addressed to the Official			
☐ Note the attached Examiner's comment regarding REQU	JIREMENT FOR THE	DEPOSIT OF BIOLOGICAL MATERIAL.			
Any response to this letter should include, in the upper rigit CODE/SERIAL NUMBER). If applicant has received a Notice and DATE of the NOTICE OF ALLOWANCE should also be	a of Allowance and Is	PPLICATION NUMBER (SERIES sue Fee Due, the ISSUE BATCH NUMBER			
Attachment(s)  Notice of References Cited, PTO-892 Information Disclosure Statement(s), PTO-1449, Page Notice of Draftsperson's Patent Drawing Review, PT Notice of Informal Patent Application, PTO-152 Interview Summary, PTO-413 Examiner's Amendment/Comment Examiner's Comment Regarding Requirement for Dege Examiner's Statement of Reasons for Allowance	O-948	DINH X. NGUYEN terial GIMARY EXAMINER			

Application/Control Number: 08/824,142

Art Unit: 3738

Page 2

## Examiner's Amendment

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Cancel the non-elected claims, claims 4, 6, 8 and 75-83.

Var claim 63, at line 1, delete "55" and insert --49-- therefor.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Van Mahamedi on January 22, 2001.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dinh X. Nguyen whose telephone number is (703) 305-3522.

January 22, 2001

# ATTACHMENT TO AND MODIFICATION OF NOTICE OF ALLOWABILITY (PTO-37) (November, 2000)

NO EXTENSIONS OF TIME ARE PERMITTED TO FILE CORRECTED OR FORMAL DRAWINGS, OR A SUBSTITUTE OATH OR DECLARATION, notwithstanding any indication to the contrary in the attached Notice of Allowability (PTO-37)

If the following language appears on the attached Notice of Allowability, the portion lined through below is of no force and effect and is to be ignored

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE THREE MONTHS FROM THE "DATE MAILED" of this Office action | Failure to comply will roul! or ABANDONMENT of this application Entensions of time may be obtained under the provisions of Table 2

Similar language appearing in any attachments to the Notice of Allowability, such as in an Examiner's Amendment/Comment or in a Notice of Draftperson's Patent Drawing Review, PTO-948, is also to be ignored.

The language which is crossed out is contrary to amended 3° CFR 185(c) and 1136. See "Changes to Implement the Potent Business Quals", 65 Fell Ree \$4603, \$4624, \$4624, \$4674 (September X 2000), 1238 Off Gaz Pai Office 77, 99 110 135, 139 (September 19, 2000)

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UNITED STATE ARTMENT OF COMMERCE Patent and Trademark Office

#23

## NOTICE OF ALLOWANCE AND ISSUE FEE DUE

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APPLI	CATION NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT		DATE MAILED
	08/924,142	09/25/97	026	NGUYEN, D	9798	01/25/01
First Named Applicant	JANG,		35	USC 154(b) term ext. =	ù Dec	

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ATTY'S DOCKET NO. CLASS-SUBCLASS BATCH NO.	APPLI	V. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
3 17828-707 623-001,120	808	MATTA	f No	%1240,00	04/25/01

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED.

THE ISSUE FEE MUST BE PAID WITHIN <u>THREE MONTHS</u> FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. <u>THIS STATUTORY PERIOD CANNOT BE EXTENDED</u>.

# HOW TO RESPOND TO THIS NOTICE:

- Review the SMALL ENTITY status shown above.
   If the SMALL ENTITY is shown as YES, verify your
   current SMALL ENTITY status:
- A. If the status is changed, pay twice the amount of the FEE DUE shown above and notify the Patent and Trademark Office of the change in status, or
- B. If the status is the same, pay the FEE DUE shown above.
- If the SMALL ENTITY is shown as NO:
- A. Pay FEE DUE shown above, or
- B. File verified statement of Small Entity Status before, or with, payment of 1/2 the FEE DUE shown above.
- II. Part B-Issue Fee Transmittal should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE. Even if the ISSUE FEE has already been paid by charge to deposit account, Part B Issue Fee Transmittal should be completed and returned. If you are charging the ISSUE FEE to your deposit account, section "4b" of Part B-Issue Fee Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give application number and batch number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PATENT AND TRADEMARK OFFICE COPY

PTOL-85 (REV. 10-96) Approved for use through 06/30/99, (0651-0033)

# EXHIBIT 24

1 A pectitioner's Docket No. 18461-702

**PATENT** 

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In resophication of: Jang Filed: March 25, 1997

For: INTRAVASCULAR STENT

Group: 3738

Examiner: Nguyen, D.

Batch: B06

**BOX ISSUE FEE** Commissioner for Patents Washington, D.C. 20231

#### TRANSMITTAL OF NEW DRAWING(S) TO CORRECT INFORMALITIES WITHIN THREE MONTH PERIOD OF RESPONSE SET IN NOTICE OF ALLOWABILITY (PTOL 37)

#### SUBMISSION OF DRAWING(S)

1. To correct the informalities in the drawings as noted in the Draftsman's objection(s) on PTO-948 and in accordance with the Notice of Allowability dated 01/25/2001, applicants submit herewith new drawing(s) for this application.

Number of sheets of drawings submitted: 14

2. The three month period of response set in the Notice of Allowability (PTOL 37) expires on 04/25/2001. This submission is on or before this expiry date.

Respectfully submitted.

WILSON SONSINI GOODRICH & ROSATI

Paul Davis, Reg. No. 29,294

650 Page Mill Road Palo Alto, CA 94304 (650) 493-9300 Customer No. 021971

CERTIFICATE OF MAILING (37 C.F.R. 1.10)

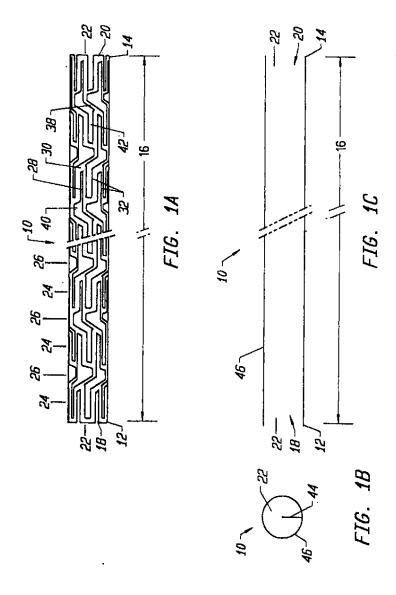
I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail (Label No.: EL 757 449 691 US) in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on the date indicated below.

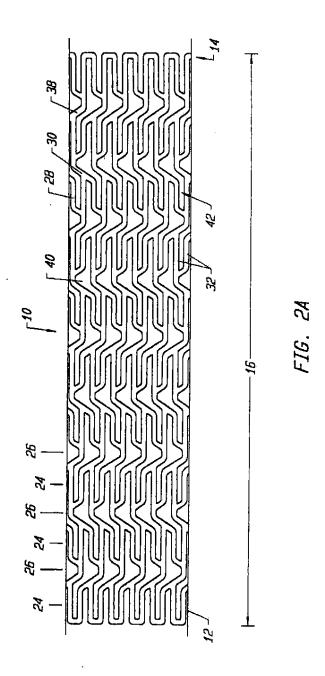
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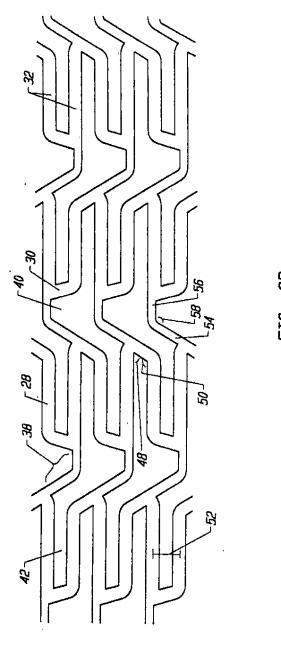
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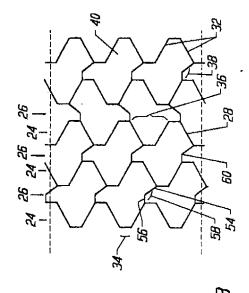
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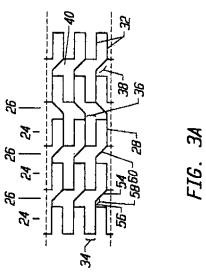
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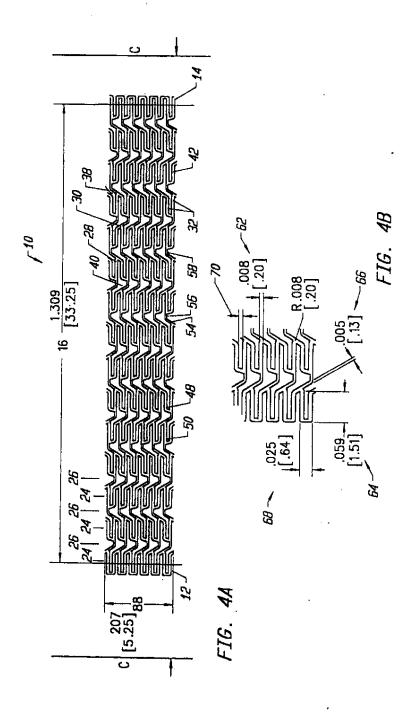


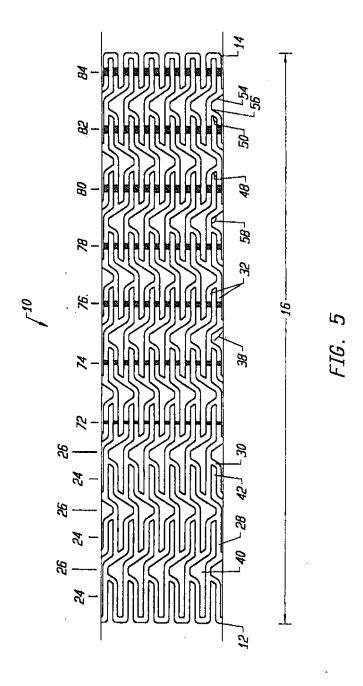


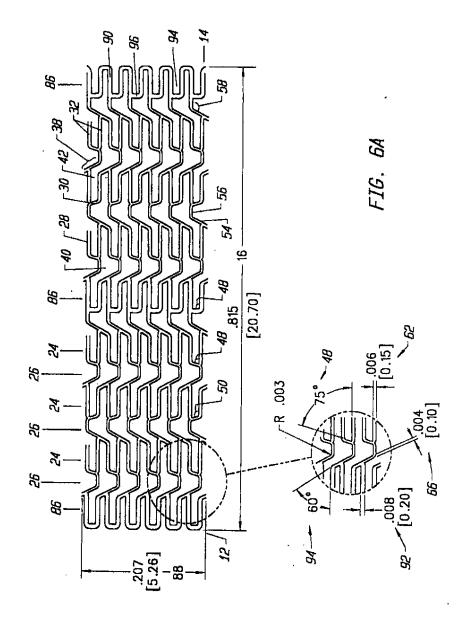


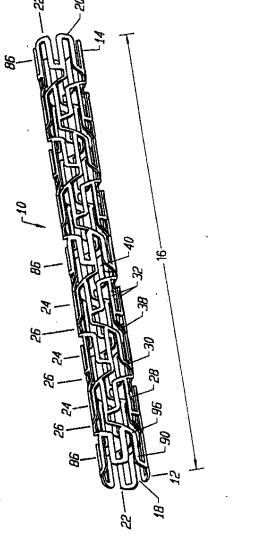


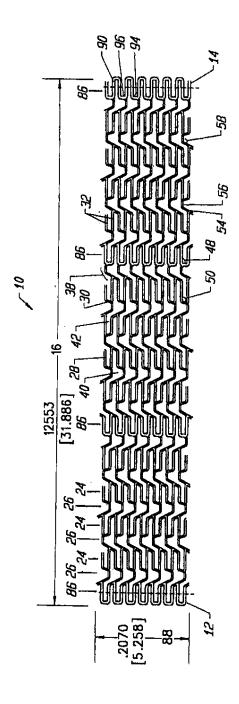


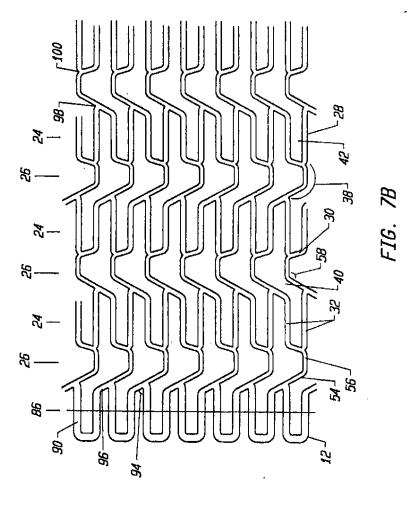


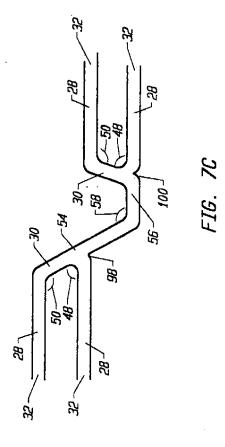


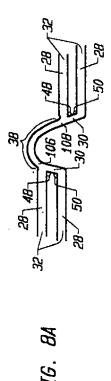


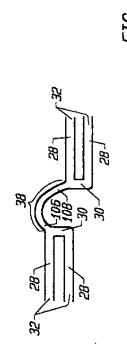


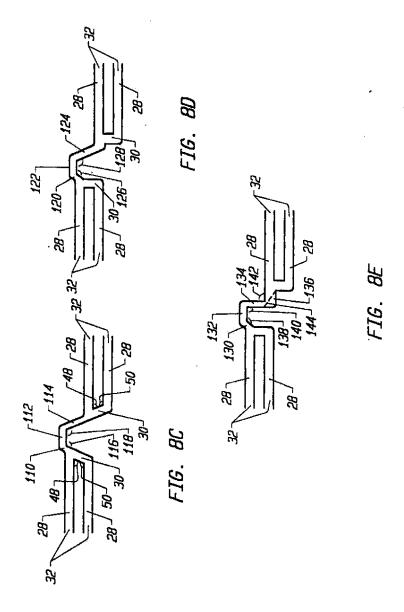


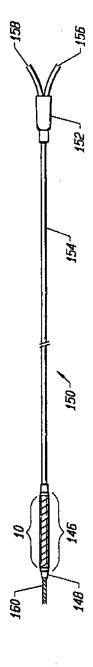












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PTO-SEVIZE) estached.  The Address' indication (or "Fee Address' indication for PTO-SB/A7) stached.  ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEARE NOTTE! Unless on assignes is identified below, no assignes data will appear on the patent inclusion of assignes data is only appropriate when on assignment has been previously submitted to the PTO or is being submitted under separate cover. Completion of the term is NOT a substitute for the PTO or is being submitted under separate cover. Completion of the term is NOT a substitute for the pagement.  (A) NAME OF ASSIGNEE G. DAVID Jang (B) RESIDENCE: (CITY & STATE OR COUNTRY) Reduceds, CA, US Please-check the appropriate assignee category indicated below (will not be printed on the patent) Individual Group assignment or other private group entity Group entity Group entity Group entity Group or agent; or the easignee or other private group entity Group or agent; or the easignee or other party in intervet as shown by the records of the Patent and Trademark Office.  Burden Neur Statement This form is estimated to take 0.2 hours to complete. Time will vary depending on the needs of the individual case. Any comments on the emount of time required to complete this form should be sent to the Chief information Office, Pleaser, and Trademark Office.  Burden Neur Statement This form is estimated to take 0.2 hours to complete. Time will vary depending on the needs of the individual case. Any comments on the emount of time required to complete this form should be sent to the Chief information Office, Pleaser, Pleaser, Pleaser, and Trademark Office.  Burden Neur Statement This form to Chief information Office, Pleaser, And Trademark Office, Washington, D.C. 20231, Do NOT SEND FEES OR COMPLETED FORMS TO THIS Office.  Burden Neur Statement This form to Chief information Office, Pleaser, and Trademark Office, Washington D.C. 20231. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection	Change of correspondence address or indication of "Fee Address" (37 GFR 1.363).     Use of PTO form(s) and Customer Number are recommended, but not required.     (1) the atterns.	printing on the patent front page, list names of up to 3 registered patent ye or agents OR, alternatively, (2)
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# PATENT COOPERATION TREATY

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From the INTERNATIONAL SEARCHING AUTHORITY PCT									
To: Wilson, Sonsini, Goodrich & Rosati Atty. DAVIS, Paul 650 Page Mill Road Palo Alto, California 94304-1050 UNITED STATES OF AMERICA BECOME (PCT Rule 44.1)									
	SEP 16 1997								
	GOODRICH & ROSATI	Date of mailing (day/month/year) 12/09/1997							
18461-706	U.S.: POREIGN: V.P.C.								
International application No. PCT/US 97/06611	ACTION: PCS-SCAPUL REPORT DUE DATES:	24/04/1997							
JANG, G. David	Amend Abstract 10-12-6 Amend claims, 11-12-6 ATTY: 80 CM & 18Hed -76	<u> </u>							
Filing of amendments a The applicant is entitle  When? The time liminternational  Where? Directly to the  For more detailed instructional  The applicant is hereby	1. X  The applicant is hereby notified that the International Search Report has been established and is transmitted herewith.  Filing of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46):  When? The time limit for filing such amendments is normally 2 months from the date of transmittal of the International Search Report; however, for more details, see the notes on the accompanying sheet.  Where? Directly to the International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Fascimile No.: (41-22) 740.14.35  For more detailed instructions, see the notes on the accompanying sheet.  2. The applicant is hereby notified that no International Search Report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.								
The protest togeth	3. With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:  the protest together with the decision thereon has been transmitted to the International Bureau together with the applicants's request to forward the texts of both the protest and the decision thereon to the designated Offices.								
no decision has be	no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.								
4. Further action(s): The applicant is reminded of the following:  Shortly after 18 menths from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bir.1 and 90bir.3, respectively, before the completion of the technical preparations for international publication.									
Within 19 months from the priority date, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later).									
	riority date, the applicant must perfi is which have not been elected in the se elected because they are not boun	orm the prescribed acts for entry into the national phase demand or in a later election within 19 months from the d by Chapter II.							
Name and mailing address of the International Searchine Authority   Authorized officer									

European Patent Office, P.B. 5818 Patentian 2
NL-2280 HV Rijswijk
Tei. ( - 31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Sabine Dekoninck



#### NOTES TO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under this. Treaty, In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the PCT Applicant's Guide, a publication of WIPO.

fr, these Notes, "Article", "Rule", and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions respectively.

#### INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to fite amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international polication. Furthermore, it should be emphasized that provisional protection is available in some States only.

#### What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

When!

Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

#### Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been/is filed, see below.

How!

Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Administrative Instructions, Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

#### What documents must/may accompany the amendments?

Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the chaice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.

## NOTES TO FORM PCT/ISA/220 (continued)

The letter must indicate the differences between the claims as filed and the claims as amended, it must, in particular, indicate, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether

- (i) the claim is unchanged:
- (ii) the ciaim is cancelled:
- (iii) the claim is new;
- (iv) the claim replaces one or more claims as filed;
- (v) the claim is the result of the division of a claim as filed.

#### The following examples illustrate the manner in which amendments must be explained in the accompanying letter:

- [Where originally there were 48 claims and after amendment of some claims there are 51]: "Claims 1 to 29, 31, 32, 34, 35, 37 to 48 replaced by amended claims bearing the same numbers; claims 10, 33 and 36 unchanged; new claims 49 to 51 added."
- [Where originally there were 15 claims and after amendment of all claims there are 11]: "Claims 1 to 15 replaced by amended claims 1 to 11."
- 1. [Where originally there were 14 claims and the amendments consist in cancelling some claims and in adding new claims;
  "Claims 1 to 6 and 14 unchanged; claims 7 to 13 cancelled; new claims 15, 16 and 17 added," or "Claims 1 to 13 cancelled; new claims 15, 16 and 17 added," or "Claims 7 to 13 cancelled; new claims 15, 16 and 17
- [Where various kinds of amendments are made]: "Claims 1-10 unchanged; claims 11 to 13, 18 and 19 cancelled; claims 14, 15 and 16 replaced by amended claim 14; claim 17 subdivided into amended claims 15, 16 and 17; new claims 20 and 21 added."

#### "Statement under article 19(1)" (Rule 46.4)

The amendments may be accompanied by a statement explaining the amendments and indicating any impact that such amendments might have on the description and the drawings (which cannot be amended under

The statement will be published with the international application and the amended claims.

## It must be in the language in which the international appplication it to be published.

It must be brief, not exceeding 500 words if in English or if translated into English.

It should not be confused with and does not replace the letter indicating the differences between the claims as filed and as amended. It must be filed on a separate sheet and must be identified as such by a heading, preferably by using the words "Statement under Article 19(1)."

It may not contain any disparaging comments on the international search report or the relevance of citations contained in that report. Reference to citations, relevant to a given claim, contained in the international search report may be made only in connection with an amendment of that claim.

#### Consequence if a demand for international preliminary examination has already been filed

If, at the time of filing any amendments under Article 19, a demand for international preliminary examination has already been submitted, the applicant must preferably, at the same time of filing the amendments with the international flureau, also file a copy of such amendments with the international Preliminary Examining Authority (see Rule 62.2(a), first sentence).

## Consequence with regard to translation of the international application for entry into the national phase

The applicant's attention is drawn to the fact that, where upon entry into the national phase, a translation of the claims as amended under Article 19 may have to be furnished to the designated/elected Offices, instead of, or in addition to, the translation of the claims as filed.

For further details on the requirements of each designated elected Office, see Volume II of the PCT Applicant's Guide.

# PATENT COOPERATION TREATY

# **PCT**

### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER	see Notification of	of Transmittal of International Search Report 220) as well as, where applicable, item 5 below.
18461-706	ACTION	(i dilli i e tillaki	220) as well as, where applicable, item 3 below.
International application No.	International filing date(	layimonthiyzur)	(Earliest) Priority Date (day/month/year)
PCT/US 97/06611	24/04/19	97	26/04/1996
Applicant			
JANG G David			•
JANG, G. David			
This International Search Report has be according to Article 18. A copy is being	en prepared by this Internation	ional Searching Au Inal Bureau,	thority and is transmitted to the applicant
This International Search Report consist	s of a total of 3	sheets. It cited in this repo	rt.
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5. With regard to the abstract,			
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604	text has been established, ac III. The applicant may, wit rch Report, submit commen	nin one month froi	.2(b), by this Authority as it appears in m the date of mailing of this International r.
6. The figure of the drawings to be publ	lished with the abstract is:		
	uggested by the applicant.		None of the figures.
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According to	o International Patent Classification (IPC) or to both national class	ification and IPC		
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	September 1995			13,18, 19.
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	•			42,43, 49-53.
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Y	see the whole document			62,63,81
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A docume	int defining the general state of the art which is not ired to be of particular relevance	or priority date a	nd the principle or th	th the application but
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Date of the	actual completion of the international search	Date of mailing of	the international se	erch report
1	September 1997	1	2, 09, 97	
Name and re	valing address of the ISA	Authorized officer		
	European Patent Office, P.B. 5118 Patentiaan 2 NL - 1280 HV Rijstorje Tel (- 1 20) 240 250 Tel 11 (6) and of			
	Tel. (+ 31-70) 340-2040, Tx. 31 651 epo el. Fax: (+ 31-70) 340-3016	Hagberg	<b>3,</b> A ⋅ ⋅	
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# INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 97/06611

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		Relevant to claim, No.
<b>,</b> X	EP 0 709 067 A (MEDINOL) 1 May 1996	1-9,11, 13,18, 19, 25-33, 35,37, 42,43, 49-53, 55,57,
	see the whole document	62,63,81
,х	WO 96 26689 A (SCIMED LIFE SYSTEMS) 6 September 1996 see page 4, line 1 - page 5, line 3; figures	1
, γ	DE 296 08 037 U (SITOMED) 11 July 1996 see the whole document	16,40,60
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	Application or Docket Number									
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